

**DRAFT ENVIRONMENTAL IMPACT
STATEMENT/ENVIRONMENTAL
IMPACT REPORT**
Volume I, Chapters 1 – 3.10

for the

**HEADWATERS FOREST ACQUISITION AND
THE PALCO SUSTAINED YIELD PLAN AND
HABITAT CONSERVATION PLAN**

prepared by

United States Fish and Wildlife Service
and
California Department of Forestry and
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in cooperation with

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1. PURPOSE AND NEED FOR ACTION.....	1-1
1.1 INTRODUCTION	1-1
1.1.1 Background.....	1-1
1.2 PROPOSED ACTIONS.....	1-6
1.3 FEDERAL HABITAT CONSERVATION PLANS.....	1-8
1.4 CALIFORNIA SUSTAINED YIELD AND TIMBER HARVEST	1-9
1.4.1 Timber Harvest Regulation on State and Private Timberlands	1-10
1.5 CALIFORNIA ENDANGERED SPECIES ACT PROCESS	1-12
1.6 CALIFORNIA STREAMBED ALTERATION AGREEMENT PROCESS	1-13
1.7 CALIFORNIA NATURAL COMMUNITY CONSERVATION PLANNING PROCESS	1-14
1.8 OTHER KEY PROCESSES	1-14
1.8.1 U.S. Environmental Protection Agency	1-14
1.8.2 Bureau of Land Management.....	1-16
1.9 PURPOSE AND NEED FOR ACTION	1-16
1.9.1 FWS' and NMFS' Responsibilities and Authorities	1-16
1.9.2 CDF Responsibilities and Authorities	1-16
1.9.3 CDFG Responsibilities and Authorities.....	1-17
1.10 DECISIONS	1-17
1.10.1 Federal Decisions	1-17
1.10.2 State Decisions.....	1-18
1.11 PROJECT LOCATION	1-18
1.11.1 PALCO Land.....	1-18
1.11.2 Agreement Reserve	1-18
1.11.3 Elk River Timber Company Land	1-19
1.12 SCOPING AND PUBLIC INVOLVEMENT	1-19
1.12.1 Scoping.....	1-19
1.12.2 Drafts of the EIS/EIR, HCP/SYP, and IA	1-20
1.12.3 Final EIS/EIR.....	1-23
1.12.4 Federal Record of Decision and State Certification/Notice of Determination	1-23
1.12.5 Issuance of State Determination of Conformance for SYP	1-23
1.13 LEGISLATION AND EXECUTIVE ORDERS RELATED TO THIS EIS/EIR.....	1-23
2. ALTERNATIVES	2-1
2.1 INTRODUCTION	2-1
2.2 PALCO'S PROPOSED HCP AND SYP.....	2-1
2.3 DEVELOPMENT OF ALTERNATIVES.....	2-3
2.4 ALTERNATIVES NOT SELECTED FOR DETAILED ANALYSIS.....	2-6
2.4.1 Land Acquisition Alternatives	2-6
2.4.2 Increased Mid-term Harvest Alternative	2-7
2.4.3 Pre-PALCO Management Alternative.....	2-7
2.4.4 Forest Products Certification Management Alternative.....	2-8
2.4.5 60,000-acre Reserve Alternatives	2-8
2.5 ALTERNATIVES CONSIDERED IN DETAIL.....	2-8
2.5.1 Alternative 1 (No Action/No Project).....	2-9
2.5.2 Alternative 2 (Proposed Action/Proposed Project).....	2-26

2.5.3 Subalternative 2a (No Elk River Property).....	2-37
2.5.4 Alternative 3 (Property-wide Selective Harvest)	2-38
2.5.5 Alternative 4 (63,000-acre No-harvest Public Reserve).....	2-39
2.6 COMPARISON AND EVALUATION OF ALTERNATIVES CONSIDERED IN DETAIL.....	2-40
2.6.1 Comparison and Evaluation of Alternatives.....	2-40
2.6.2 Issue 1: Old-growth and Residual Redwood and Douglas-Fir Forest and Old-growth Redwood and Douglas-fir Trees	2-54
2.6.3 Issue 2: Wildlife Habitat and Natural Communities.....	2-57
2.6.4 Issue 3: Threatened and Endangered Species	2-59
2.6.5 Issue 4: Aquatic Habitat, Water Quality, and Water Quantity	2-65
2.6.6 Issue 5: Timber Supply, Employment, and Government Revenues.....	2-71
2.7 ENVIRONMENTALLY SUPERIOR ALTERNATIVE.....	2-74
2.8 MITIGATION MEASURES	2-74
2.9 MONITORING PLAN	2-75
2.9.1 Aquatics.....	2-75
2.9.2 Snag Retention/Recruitment	2-76
2.9.3 List A Species	2-76
3. AFFECTED ENVIRONMENT AND ENVIRONMENTAL EFFECTS.....	3-1
3.1 THRESHOLDS OF SIGNIFICANCE.....	3.1-1
3.2 ACTIONS UTILIZED IN ANALYZING CUMULATIVE EFFECTS	3.2-1
3.3 AIR QUALITY	3.3-1
3.3.1 Existing Setting.....	3.3-1
3.3.2 Existing Emissions and Prevailing Air Quality	3.3-1
3.3.3 Threshold of Significance.....	3.3-4
3.3.4 Regulatory Requirements.....	3.3-5
3.3.5 Air Quality Effects (All Alternatives)	3.3-5
3.3.6 Mitigation	3.3-9
3.4 WATERSHEDS, HYDROLOGY, AND FLOODPLAINS	3.4-1
3.4.1 Affected Environment	1
3.4.2 Watershed Impact Mechanisms	3.4-19
3.4.3 Environmental Effects.....	3.4-32
3.5 GEOLOGY AND MINERAL RESOURCES.....	3.5-1
3.5.1 Affected Environment	3.5-1
3.5.2 Environmental Effects.....	3.5-8
3.5.3 Mitigation	3.5-15
3.6 SOILS AND GEOMORPHOLOGY	3.6-1
3.6.1 Affected Environment	3.6-1
3.6.2 Impact Mechanisms	3.6-17
3.6.3 Environmental Effects of Alternatives	3.6-29
3.6.4 Summary of Overall Effects by Alternative	3.6-58
3.6.5 AB 1986 Conditions	3.6-60
3.6.6 Cumulative Effects	3.6-61
3.7 WETLANDS AND RIPARIAN LANDS	3.7-1
3.7.1 Introduction.....	3.7-1
3.7.2 Wetlands	3.7-1

3.7.3 Riparian Lands.....	3.7-12
3.7.4 Environmental Effects.....	3.7-17
3.7.5 AB 1986 Conditions	3.7-86
3.7.6 Cumulative Effects—Wetlands and Riparian Lands	3.7-87
3.8 FISH AND AQUATIC HABITAT	3.8-1
3.8.1 Affected Environment	3.8-1
3.8.2 Current Stream Habitat Conditions.....	3.8-2
3.8.3 Environmental Effects.....	3.8-30
3.8.4 AB 1986 Conditions	3.8-49
3.8.5 Cumulative Effects	3.8-50
3.8.6 Mitigation.....	3.8-54
3.9 VEGETATION AND TIMBER RESOURCES.....	3.9-1
3.9.1 Affected Environment	3.9-1
3.9.2 Environmental Effects.....	3.9-25
3.9.3 AB 1986 Conditions	3.9-44
3.9.4 Cumulative Effects	3.9-45
3.9.5 Mitigation.....	3.9-46
3.10 WILDLIFE	3.10-1
3.10.1 Affected Environment	3.10-19
3.10.2 Environmental Effects	3.10-87
3.11 LAND USE.....	3.11-1
3.11.1 Affected Environment	3.11-1
3.11.2 Environmental Effects.....	3.11-5
3.11.3 Cumulative Effects.....	3.11-10
3.11.4 Mitigation	3.11-11
3.12 TRANSPORTATION AND TRAFFIC.....	3.12-1
3.12.1 AFFECTED ENVIRONMENT	3.12-1
3.12.2 Environmental Effects.....	3.12-10
3.12.3 Cumulative Effects.....	3.12-16
3.12.4 Mitigation	3.12-20
3.13 ECONOMIC AND SOCIAL ENVIRONMENT	3.13-1
3.13.1 Affected Environment	3.13-2
3.13.2 Environmental Effects.....	3.13-19
3.13.3 Other Social Considerations.....	3.13-53
3.13.4 AB 1986 Conditions	3.13-53
3.13.5 Cumulative Effects.....	3.13-54
3.13.6 Mitigation	3.13-55
3.14 HERBICIDES	3.14-1
3.14.1 Affected Environment	3.14-1
3.14.2 Atrazine	3.14-3
3.14.3 Thresholds of Significance	3.14-8
3.14.4 Environmental Effects of Alternatives	3.14-9
3.14.5 Direct and Indirect Environmental Effects	3.14-10
3.14.6 AB 1986 Conditions	3.14-17
3.14.7 Cumulative and Long-term Environmental Effects	3.14-17
3.14.8 Mitigation	3.14-19

3.15 CULTURAL RESOURCES	3.15-1
3.15.1 Affected Environment	3.15-1
3.15.2 Environmental Effects.....	3.15-11
3.16 VISUAL RESOURCES.....	3.16-1
3.16.1 Affected Environment	3.16-1
3.16.2 Environmental Effects.....	3.16-11
3.16.3 Mitigation	3.16-26
3.17 RECREATION	3.17-1
3.17.1 Affected Environment	3.17-1
3.17.2 Environmental Effects.....	3.17-3
3.17.3 Cumulative Effects.....	3.17-7
3.17.4 Mitigation	3.17-7
3.18 ROADLESS AREAS, WILDERNESS AREAS, AND WILD AND SCENIC RIVERS.....	3.18-1
3.18.1 Affected Environment	3.18-1
3.18.2 Environmental Effects.....	3.18-1
3.18.3 Cumulative Effects.....	3.18-3
3.18.4 Mitigation	3.18-3
3.19 TRIBAL TRUST RESOURCES AND OTHER INDIAN TRIBAL ISSUES.....	3.19-1
3.19.1 AFFECTED ENVIRONMENT - ETHNOGRAPHIC/ETHNOHISTORIC BACKGROUND	3.19-1
3.19.2 ENVIRONMENTAL EFFECTS AND PROPOSED MITIGATION	3.19-2
3.19.3 AB 1986.....	3.19-6
3.19.4 Cumulative effects	3.19-6
3.19.5 Mitigation	3.19-6
3.20 ADDITIONAL LANDS AND CHANGED CIRCUMSTANCES.....	3.20-1
3.20.1 Effects of Acquisition of Additional Covered Lands Under the Proposed HCP	3.20-1
3.20.2 Effects of Changed Circumstances Under the Proposed HCP	3.20-2
3.21 GROWTH-INDUCING IMPACTS	3.21-1
3.22 UNAVOIDABLE ADVERSE IMPACTS AND OTHER ENVIRONMENTAL CONSIDERATIONS	3.22-1
3.22.1 Irreversible Commitments of Resources.....	3.22-1
3.22.2 Irrecoverable Commitments.....	3.22-2
3.22.3 Short-term Uses and Long-term Productivity.....	3.22-2
3.22.4 Possible Conflict with Plans and Policies of Other Jurisdictions.....	3.22-2
3.22.5 Energy Requirements and Conservation Potential of Alternatives	3.22-3
3.22.6 Natural or Depletable Resource Requirements and Conservation Potential of Alternatives.....	3.22-3
3.22.7 Urban Quality, Historic and Cultural Resources, and the Design of the Built Environment	3.22-3
3.22.8 Effects of Alternatives on Consumers, Civil Rights, Minorities, Women, and Environmental Justice	3.22-4
4. LITERATURE CITED	4-1
5. PERSONS AND ORGANIZATIONS CONSULTED AND CONTACTED	5-1
6. LIST OF PREPARERS.....	6-1

7. GLOSSARY	7-1
8. INDEX.....	8-1

APPENDIX A	SEPTEMBER 28, 1996 AGREEMENT
APPENDIX B	DEPARTMENT OF THE INTERIOR APPROPRIATIONS ACT, PL 105-83, CALIFORNIA STATE ASSEMBLY BILL 1986
APPENDIX C	FEBRUARY 27, 1998, PRE-PERMIT APPLICATION AGREEMENT IN PRINCIPLE
APPENDIX D	SCOPING REPORT
APPENDIX E	3-YEAR (INTERIM) AND 47-YEAR (DEFAULT) AQUATIC STRATEGY AND MITIGATION FOR TIMBER HARVEST AND ROADS
APPENDIX F	HEADWATERS FOREST ACQUISITION FINANCIAL PLAN, MAY 5, 1998
APPENDIX G	WATERSHED ANALYSIS FRAMEWORK
APPENDIX H	MITIGATION MEASURES FOR CUMULATIVELY Affected WATERSHEDS
APPENDIX I	EQUIVALENT BUFFER AREA INDEX (EBAI) METHODOLOGY FOR FINE SEDIMENT
APPENDIX J	WETLANDS AND RIPARIAN LANDS AND LARGE WOODY DEBRIS EBAI
APPENDIX K	AQUATIC PROPERLY FUNCTIONING CONDITIONS MATRIX
APPENDIX L	CALIFORNIA WILDLIFE HABITAT RELATIONSHIP DATABASE CROSSWALKS
APPENDIX M	WILDLIFE HABITAT ANALYSES AND DEFINITIONS
APPENDIX N	BACKGROUND INFORMATION ON MARBLED MURRELET FOR THE PALCO HABITAT CONSERVATION PLAN (N1 and N2)
APPENDIX O	LIST OF INTERESTED INDIAN TRIBES

LIST OF FIGURES

Figure 1.2-1. PALCO Project Area Map.....	1-7
Figure 2.5-1a. PALCO/Elk River/Reserve Boundaries by Alternative in the Vicinity of the Headwaters Forest.....	2-10
Figure 2.5-1 b. PALCO/Elk River/Reserve Boundaries by Alternative in the Vicinity of the Headwaters Forest.....	2-10
Figure 2.5-1c. PALCO/Elk River/Reserve Boundaries by Alternative in the Vicinity of the Headwaters Forest.....	2-11
Figure 2.5-1d. PALCO/Elk River/Reserve Boundaries by Alternative in the Vicinity of the Headwaters Forest.....	2-11
Figure 2.5-2a. Alternatives 2 and 3 Land Acquisition and Asset Exchange	2-12
Figure 2.5-2b. Alternative 2b Land Acquisition and Asset Exchange	2-13
Figure 2.5-2c. Alternative 4 Land Acquisition and Asset Exchange.....	2-14
Figure 2.5-3a. Diagrammatic View of Minimum 170-foot wide Class I Riparian Management Zone.....	2-15
Figure 2.5-3b. Diagrammatic View of Minimum 100-foot-wide Class II Riparian Management Zone.....	2-16
Figure 2.5-4. Proposed and Optional marbled Murrelet Conservation Areas	2-17
Figure 2.5-5a. No-harvest Areas on PALCO Lands and Reserve - Alternative 2	2-18
Figure 2.5-5b. No-harvest Areas on PALCO Lands and Reserve - Alternative 2a.....	2-19
Figure 2.5-5c. No-harvest Areas on PALCO Lands and Reserve - Alternative 3	2-20
Figure 2.5-5d. No-harvest Areas on PALCO Lands and Reserve - Alternative 4.....	2-21
Figure 3.1-1. Thresholds of Significance and Their Relationship to Management	3.1-2
Figure 3.4-1. Climate Data for Eureka, California	3.4-2
Figure 3.4-2. Hydrologic Unit Boundary Map	3.4-5
Figure 3.4-3. Variation in Suspended Sediment Loads Within the Eel River Watershed	3.4-10
Figure 3.4-4. Relationships Between Timber Harvest, Road Building Peak Flows, and Channel Erosion	3.4-29
Figure 3.4-5. Road Density on PALCO and Elk River Timber Company Lands and Proposed Road Density for First Decade of HCP	3.4-34
Figure 3.5-1. Geologic Materials Map	3.5-3
Figure 3.6-1. Erosion Hazard by Hydrologic Unit	3.6-5
Figure 3.6-2. Geomorphic Features Definitions	3.6-6
Figure 3.6-3. Geomorphic Features Map	3.6-7
Figure 3.6-4. Road Density on PALCO and Elk River Timber Co. Lands	3.6-16
Figure 3.6-5. Related Impacts Caused by Tree Removal, Soil Exposure and Compaction, and Road Construction Within Logged Areas.....	3.6-18
Figure 3.6-6. Equivalent Buffer Area Index (for sediment), by Alternative.....	3.6-45
Figure 3.6-7. Normalized Equivalent Buffer Area Index by Alternative.....	3.6-46
Figure 3.6-8. Land Use Designations in Project Area Watersheds	3.6-66
Figure 3.7-1. Example of Spatial Overlay Between Wetlands and Riparian Zones	3.7-2
Figure 3.7-2a. The Percent Effectiveness of Shade in Relation to the Distance from the Stream Channel.....	3.7-21
Figure 3.7-2b. The Percent Effectiveness of Coarse Woody Debris in Relation to the Distance from the Stream Channel.....	3.7-21
Figure 3.7-2c. The Percent Effectiveness of Litter Fall in Relation to the Distance from the Stream Channel.....	3.7-24

LIST OF FIGURES (CONTINUED)

Figure 3.7-2d. The Percent Effectiveness of Root Strength in Relation to the Distance from the Stream Channel.....	3.7-24
Figure 3.7-2e. The Percent Effectiveness of Microclimate in Relation to the Distance from the Stream Channel.....	3.7-27
Figure 3.7-3a. Riparian Management Zone Widths Along Class I Streams Outside of Reserves, by Alternative.....	3.7-33
Figure 3.7-3b. Riparian Management Zone Widths Along Class II Streams Outside of Reserves, by Alternative.....	3.7-34
Figure 3.7-3c. Riparian Management Zone Widths Along Class III Streams Outside of Reserves, by Alternative.....	3.7-35
Figure 3.7-4. Totaled LWD Equivalent Buffer Analysis Index for Each Alternative.....	3.7-39
Figure 3.7-5. Acres of Riparian Harvest Prescriptions by Alternative for PALCO's Ownership and the Reserve.....	3.7-41
Figure 3.8-1. Stream Class Map	3.8-3
Figure 3.8-2a. Seral Stages Along Class I Streams in the HCP Planning Area	3.8-6
Figure 3.8-2b. Seral Stages Along Class II Streams in the HCP Planning Area	3.8-7
Figure 3.8-2c. Seral Stages Along Class III Streams in the HCP Planning Area	3.8-8
Figure 3.8-3a. PALCO Area Fish Distribution Map: Coho	3.8-19
Figure 3.8-3b. PALCO Area Fish Distribution Map: Chinook.....	3.8-20
Figure 3.8-3c. PALCO Area Fish Distribution Map: Steelhead	3.8-21
Figure 3.8-3d. PALCO Area Fish Distribution Map: Cutthroat	3.8-22
Figure 3.8-4. Proposed West Coast Coho ESUs.....	3.8-26
Figure 3.8-5. Proposed West Coast Steelhead Areas	3.8-28
Figure 3.9-1. Vegetation Map	3.9-7
Figure 3.9-2. Location of Uncut and Residual Redwood & Douglas-Fir Old Growth in the Project Area.....	3.9-9
Figure 3.10-1. Current Acreage of Late-Successional Habitat (LSH) in the Project Area Occurring Within Each WAA.....	3.10-23
Figure 3.10-2. Current and Projected Acres of LSH in Various Patch Size Classes in the Project Area Among the Proposed Alternatives	3.10-31
Figure 3.10-3. Current Distribution of LSH Patches in the Project Area.....	3.10-33
Figure 3.10-4. Location of the Southern Humboldt Bioregion and Marbled Murrelet Designated Critical Habitat Relative to the Project Area.....	3.10-43
Figure 3.10-5. Suitable and Possibly Suitable Marbled Murrelet Habitat in the Project Area	3.10-48
Figure 3.10-6. Current and Projected Acreage of Suitable Nesting Habitat for the Northern Spotted Owl in the Project Area Under the Proposed Alternatives.....	3.10-133
Figure 3.10-7. Projected Distribution of LSH Patches, Alternative 2, Year 50	3.10-146
Figure 3.10-8. Projected Distribution of LSH Patches - Alternative 2a, Year 50	3.10-147
Figure 3.10-9. Projected Distribution of LSH Patches - Alternative 3, Year 50	3.10-148
Figure 3.10-10. Projected Distribution of LSH Patches - Alternative 4, Year 50	3.10-149
Figure 3.11-1. Land Ownership.....	3.11-2
Figure 3.11-2. Humboldt County Zoning Map	3.11-8
Figure 3.12-1. State Highway and Expressway System with 1995 Traffic Volumes and Number of Lanes	3.12-2
Figure 3.12-2. Humboldt County Road System.....	3.12-4
Figure 3.12-3. Key Local Road Facilities in Eureka.....	3.12-7
Figure 3.12-4. 2015 Traffic Volumes on State Highway and Freeway System.....	3.12-19

LIST OF FIGURES (CONTINUED)

Figure 3.13-1. Primary Region of Influence	3.13-3
Figure 3.15-1. Tribal Boundary	3.15-5
Figure 3.16-1. KVA 1 Freshwater Area - view from Freshwater-Kneeland Road looking south near Garfield school. PALCO lands can be seen behind the community.....	3.16-4
Figure 3.16-2. KVA 2 Carlotta Area - view looking north from Fisher Road up Yager Creek drainage. PALCO lands can be seen on the hillsides.	3.16-5
Figure 3.16-3. KVA 3 Avenue of the Giants (South of Pepperwood) - view looking north at PALCO lands on hillside.	3.16-7
Figure 3.16-4. KVA 4 US Highway 101 (south of Stafford) - view looking north across pasture at PALCO lands on hillside.....	3.16-8
Figure 3.16-5. KVA 5 Highway 36 (west near entrance to Grizzly Creek State Park) - view looking southwest at state park land and PALCO land above on upper hillside.	3.16-9
Figure 3.16-6. KVA 6 Freshwater-Kneeland Road - view is from Grange Road looking north at Freshwater Kneeland Road and trees on PALCO lands behind road.	3.16-10
Figure 3.16-7. KVA 7 Grizzly Creek Redwoods State Park (near Van Duzen River) - view looking southwest along River at state park land and PALCO land on hillside above the park.	3.16-12
Figure 3.16-8. KVA 8 Humboldt Redwoods State Park (south of Redcrest) - view looking east across Eel River at PALCO lands.....	3.16-13
Figure 3.16-9. A landscape that would meet a Visual Quality Objective of Modification.....	3.16-15
Figure 3.16-10. A landscape that would meet a Visual Quality Objective of Maximum Modification.....	3.16-16

LIST OF TABLES

Table 2.3-1. Relationship of the Three Types of Actions to Alternatives Selected for Detailed Analysis	2-5
Table 2.5-1. Acreage, No-harvest Acreage, and Property Changes by Alternative (not including riparian zones)	2-22
Table 2.5-2. Some SYP and HCP Components by Alternative.....	2-23
Table 2.5-3a. Summary of RMZ Prescriptions for the Proposed HCP (Alternatives 2 and 2a) and Alternative 4	2-30
Table 2.5-3b. Summary of Class II Default (47-year) RMZ Prescriptions for the Proposed HCP (Alternatives 2 and 2a) and Alternative 4.....	2-32
Table 2.6-1. Comparison of Alternatives	2-41
Table 2.6-2. Significance of Effects According to CEQA for each Environmental Component by Alternative	2-46
Table 3.3-1. 1995 Emissions Inventory for Humboldt County	3.3-2
Table 3.3-2. Ambient Air Quality Standards	3.3-4
Table 3.3-3. Fugitive Dust Emissions from Vehicle Travel on Paved and Unpaved Roads.....	3.3-7
Table 3.3-4. Annual Emissions from Slash/Broadcast Burning	3.3-8
Table 3.4-1. Mean Monthly and Annual Precipitation and Temperatures in Two Humboldt County Coastal and Inland Locations	3.4-3
Table 3.4-2. PALCO Project Area WAA Descriptions.....	3.4-4
Table 3.4-3. Hydrologic Data by Watershed.....	3.4-7
Table 3.4-4. Clean Water Act, Section 303(d) List of Impaired Waterbodies that Flow through PALCO Lands.....	3.4-13
Table 3.4-5. Stream Temperature by Planning Watershed.....	3.4-16
Table 3.4-6. Relationships Between Management Activities and Water-Related Parameters	3.4-33
Table 3.4-7. Acres of Harvest by HU in the First 10 Years	3.4-39
Table 3.4-8. IWI for Watersheds in the North Coast Region.....	3.4-63
Table 3.5-1. General Relation of Rock Type to Erosion and Mass Wasting.....	3.5-6
Table 3.6-1. Geomorphic Features on PALCO Lands by Hydrologic Unit.....	3.6-9
Table 3.6-2. Sediment Budget for the Upper Van Duzen Basin (525 km ² for 1941 to 1975).....	3.6-12
Table 3.6-3. Road/Stream Crossings on PALCO Lands by Watershed.....	3.6-24
Table 3.6-4. Effect of Alternatives on Coarse Sediment, Fine Sediment, and Soil Productivity	3.6-31
Table 3.6-5. Linkages Between Geomorphic Processes, Timber Harvest Practices, and Impact Parameters	3.6-38
Table 3.6-6. Grazing Leases and Associated Characteristics	3.6-56
Table 3.6-7. PALCO Ownership Within Overall Watersheds.....	3.6-62
Table 3.6-8. Acreage of Land Ownership and Land Use by Watershed	3.6-63
Table 3.7-1. Wetland Functions	3.7-4
Table 3.7-2. Definitions of Wetlands and Deepwater Habitats	3.7-4
Table 3.7-3. Acres of Wetlands (Systems and Classes) Within the WAAs on PALCO and Elk River Timber Company Lands	3.7-6
Table 3.7-4. Off-site Impact on Wetlands (Timber Management)	3.7-6
Table 3.7-5. Comparison of Wetland Protection by Alternative	3.7-11
Table 3.7-6. Minimum California Forest Practice Rules' Widths Required for WLPZs by Slope Class and Stream Class ^{1/}	3.7-14
Table 3.7-7. Summary of Riparian and Hydrologic Unit Acres by Ownership Based on WLPZs	3.7-15
Table 3.7-8. Summary of Riparian Acres by Seral Stage and Hydrologic Unit for PALCO and Elk River Lands Based on WLPZs	3.7-16

LIST OF TABLES (CONTINUED)

Table 3.7-9. Miles and Acres of Road Found in WLPZs by Ownership.....	3.7-18
Table 3.7-10. Riparian Prescriptions Related to Various Federal and State Agencies, California FPR, and PALCO HCP	3.7-29
Table 3.7-11. Percentage of Total Riparian Acres (18,173 acres) Found in the HCP Planning Area by Seral State and Estimated Time Scales for Recovery of Each Riparian Parameter	3.7-37
Table 3.7-12. LWD Equivalent Buffer Analysis Index for Each Alternative and Hydrologic Unit.....	3.7-40
Table 3.7-13. Protection Levels Provided from RMZ to the Aquatic System (and for Microclimate Semi-Aquatic System) by Alternative.....	3.7-44
Table 3.8-1. Stream Miles on PALCO Lands.....	3.8-5
Table 3.8-2. Stream Areas Surveyed by CDFG for In-channel Conditions on PALCO Lands....	3.8-10
Table 3.8-3. Current Status of Fish Species Recorded in Streams on PALCO Lands and Adjacent Areas	3.8-17
Table 3.8-4. General Life History Characteristics of Salmonids on PALCO Lands and Nearby Areas.....	3.8-18
Table 3.8-5. Fish Distribution on PALCO Lands (by Stream Miles).....	3.8-24
Table 3.8-6. General Life History Characteristics of Fish Not Designated as Priority Species for Evaluation.....	3.8-29
Table 3.8-7. Percentage of Stream Miles for Class I and Class II Streams Found in HCP Planning Area by Seral Stage and Estimated Time to Reach Fully Functioning Aquatic Conditions.....	3.8-41
Table 3.8-8. General Response Trends in Aquatic Habitat Likely Established (by source) for Each Alternative	3.8-48
Table 3.9-1. Current (Year 0) and Projected Acreage of Various Seral Stages on PALCO Ownership by Alternative	3.9-2
Table 3.9-2. Habitat Types for 12 Marbled Murrelet Conservation Areas in PALCO lands for Alternatives 2 and 2a (acres)	3.9-4
Table 3.9-3. Current (Year 0) and Projected Acreage and Percentage of LSH in the Project Area by WAA.....	3.9-5
Table 3.9-4. Plant Species with Federal or State Status.....	3.9-19
Table 3.9-5. Silvicultural Method in the First Decade (approximate acres)	3.9-36
Table 3.9-6a. Alternative 1 Projected Harvest, Growth and Inventory Volumes, PALCO Lands Only	3.9-37
Table 3.9-6b. Alternative 1 Projected Harvest, Growth and Inventory Volumes, All Ownerships.....	3.9-37
Table 3.9-6d. Alternative 2 Projected Harvest, Growth and Inventory Volumes, All Ownerships.....	3.9-38
Table 3.9-6e. Alternative 2a Projected Harvest, Growth and Inventory Volumes, PALCO Lands Only	3.9-39
Table 3.9-6g. Alternative 3 Projected Harvest, Growth and Inventory Volumes, PALCO Lands Only	3.9-40
Table 3.9-6h. Alternative 3 Projected Harvest, Growth and Inventory Volumes, All Ownerships.....	3.9-40
Table 3.9-6i. Alternative 4 Projected Harvest, Growth and Inventory Volumes, PALCO Lands Only	3.9-41
Table 3.9-6j. Alternative 4 Projected Harvest, Growth and Inventory Volumes, All Ownerships.....	3.9-41
Table 3.9-7. Yarding Method on PALCO Lands for the First Decade For Each Alternative (approximate acres).....	3.9-41

LIST OF TABLES (CONTINUED)

Table 3.10-1. Status, Habitat Associations, and Occurrence of Terrestrial Invertebrate Priority Species That Are Known or Suspected to Occur in the Vicinity (Within 1 Mile) of the Project Area	3.10-2
Table 3.10-2. Status, Habitat Associations, and Occurrence of Priority Amphibian and Reptile Species That Are Known or Suspected to Occur on PALCO and Elk River Timber Company (ERTC) Lands in the Vicinity (Within 1 Mile) of the Project Area	3.10-3
Table 3.10-3. Status, Habitat Associations, and Occurrence of Priority Bird Species That Are Known or Suspected to Occur on PALCO and Elk River Timber Company (ERTC) Lands in the Vicinity (Within 1 Mile) of the Project Area	3.10-5
Table 3.10-4. Status, Habitat Associations, and Occurrence of Priority Mammal Species That Are Known or Suspected to Occur on PALCO and Elk River Timber Company (ERTC) Lands in the Vicinity (Within 1 Mile) of the Project Area	3.10-14
Table 3.10-5. Acreage of Suitable and Possibly Suitable Marbled Murrelet Habitat in the Project Area, Including the Proposed MMCAs and Headwaters Reserve, Under the HCP Alternative (Alternative 2).....	3.10-46
Table 3.10-6. Current (Year 0) and Projected Acreage of Suitable and Possibly Suitable Marbled Murrelet Habitat (Uncut and Residual Old Growth Redwood Forest) Within Marbled Murrelet Designated Critical Habitat (Critical Habitat Unit CA-03-a) in the Project Area Under the Proposed Alternatives	3.10-50
Table 3.10-7. Number and Status of Northern Spotted Owl Sites Occurring on PALCO Lands, 1992-1997	3.10-53
Table 3.10-8. Habitat Associations of Neotropical Migratory Bird Species That Are Known or Suspected to Occur in the Vicinity (Within 1 Mile) of the Humboldt Project Area	3.10-62
Table 3.10-9. Thresholds of Significance and Comparison of Effects of the Alternatives on Wildlife Resources.....	3.10-89
Table 3.10-10. Current (Year 0) and Projected Changes in Various Habitat Fragmentation and Connectivity Parameters in the Project Area Under the Proposed Alternatives.....	3.10-96
Table 3.11-1. Summary of Environmental Effects Related to Land Use in the Humboldt County Area	3.11-5
Table 3.12-1. Road Types on PALCO Lands.....	3.12-9
Table 3.12-2. Transportation Impact Criteria: Existing Conditions	3.12-12
Table 3.12-3. Transportation Data: Cumulative Conditions	3.12-17
Table 3.12-4. Comparison of Alternatives for Cumulative Effects	3.12-20
Table 3.13-1. North Coast Region Population and Growth Trends, 1960 to 1997	3.13-4
Table 3.13-2. Humboldt County Population, 1980, 1990, and 1997	3.13-5
Table 3.13-3. North Coast Region Employment by Industry Sector, 1983 and 1997	3.13-6
Table 3.13-4. North Coast Region Timber Industry Employment, 1972 and 1997.....	3.13-8
Table 3.13-5. Humboldt County Employment in the Lumber and Wood Products Industry, 1960 to 1997.....	3.13-9
Table 3.13-6. North Coast Region and Humboldt County Timber Harvest Volumes, 1947 to 1997	3.13-12
Table 3.13-7. Lumber Manufacturers in Humboldt County, 1996.....	3.13-14
Table 3.13-8. Humboldt County Forecast Average Annual Harvest for Decade 1.....	3.13-22
Table 3.13-9. Humboldt County Forecast Average Annual Employment for Decade 1	3.13-29
Table 3.13-10. Humboldt County Forecast Average Annual Loss of Income and Sales Tax Revenue for Decade 1	3.13-31
Table 3.13-11. Humboldt County Forecast Average Annual Changes in Population for Decade 1	3.13-40
Table 3.13-12. Humboldt County Annual Forecast Federal Payment in Lieu of Taxes Revenue for Decade 1	3.13-44

LIST OF TABLES (CONTINUED)

Table 3.13-13. Humboldt County Forecast Average Annual California Timber Yield Tax for Decade 1	3.13-45
Table 3.13-14. Humboldt County Forecast Average Annual Property Tax Revenue for Decade 1	3.13-47
Table 3.13-15. Humboldt County Forecast Average Annual Net Effects on Taxes and Revenues for Decade 1	3.13-52
Table 3.14-1. Forest Herbicide Applications for Humboldt County in 1997	3.14-6
Table 3.14-2. PALCO Herbicide Applications 1997	3.14-7
Table 3.14-3. PALCO Herbicide Material Usage Summary 1997	3.14-7
Table 3.15-1. Site Records Summary—PALCO and Elk River Timber Company Lands.....	3.15-10
Table 3.17-1. Summary of Environmental Effects Related to Recreation in the Humboldt Area	3.17-4

LIST OF ACRONYMS AND ABBREVIATIONS

$\mu\text{g/L}$	micrograms per liter
A&MRTS	Arcata and Mad River Transit System
AB	Assembly Bill
ACD	angular canopy density
ACHP	Advisory Council on Historic Preservation
AE	agriculture, exclusive
AG	agricultural, grazing
Agreement	the September 28, 1996, Agreement among the United States, the State of California, and MAXXAM Incorporated and its subsidiary, the Pacific Lumber Company
AIRFA	American Indian Religious Freedom Act
AL	agricultural lands
ALM	animal management unit
Applicant	PALCO
AR	agriculture, rural
AUM	animal unit month
BA	basal area
BEPA	Bald eagle protection Act
BIA	[US] Bureau of Indian Affairs
Bioregion	Southern Humboldt Bioregion
BLM	Bureau of Land Management
BMP	best management practice
BOD	biochemical oxygen demand
BOF	[California] Board of Forestry
CAA	Clean Air Act
CALTRANS	California Department of Transportation
CARB	California Air Resources Board
CDF	California Department of Forestry and Fire Protection
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEC	cation exchange capacity
CEG	certified engineering geologist
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHRIS	California Historical Resources Information System
CHUs	critical habitat units
CMZ	channel migration zone
CNPS	California Native Plant Society
CO	carbon monoxide
Corps	U.S. Army Corps of Engineers
CRMP	cooperative resource management planning
CSWRCB	California State Water Resources Control Board
CWA	Clean Water Act
DAR/DAL	dial-a-ride/dial-a-lift

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

dbh	diameter breast height
DCH	designated critical habitat
DEQ	[Oregon] Department of Environmental Quality
DEIS/EIR	draft environmental impact statement/environmental impact report
DF	Douglas fir
DI	disturbance index
DO	dissolved oxygen
DOT	[California] Department of Transportation
EBAI	equivalent buffer area index
EEZ	equipment exclusion zone
EHR	erosion hazard rating
EIS/EIR	environmental impact statement/environmental impact report
ELZ	equipment limitation zone
EM	emergent [wetland]
EO	Executive order
EPA	U. S. Environmental Protection Agency
ERTC	Elk River Timber Company
ESA	Endangered Species Act
ESU	evolutionarily significant unit
ETS	Eureka Transit Service
EXTOXNET	Extension Toxicology Network
FACW	facultative wet [wetland indicator status]
FDIC	Federal Deposit Insurance Corporation
FEMAT	Forest Ecosystem Management Team
FLPMA	Federal Land Policy and Management Act of 1976
FO	forested
FPA	Forest Practices Act
FPRs	Forest Practice Rules
FR	Federal Register
FREIGHTS	Forest Resource Inventory, Growth, and Harvest Tracking System
FWS	U.S. Fish and Wildlife Service
GIS	geographic information system
HCP	habitat conservation plan
HU	hydrologic unit
IA	implementation agreement
ITP	incidental take permit
IWI	Index of Watershed Indicators
KVA	key viewing area
LD50	median lethal dose
LEB	limited entry band
LOD	large organic debris
LOS	level of service
LSH	late-seral/old-growth habitat
LSR	late successional reserve
LTO	licensed timber operator
LTSY	long-term sustained yield
LWD	large woody debris

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

MAXXAM	MAXXAM Incorporated
mbf	million board feet
mbfn	million board feet net
mg/kg/day	milligrams per kilograms per day
mg/L	milligrams per kilograms
ml	milliliter
MMCA	marbled murrelet conservation area
MMRT	marbled murrelet recovery team
MTJ	Mendocino Triple Junction
MWAT	maximum weekly average temperature
NAAQS	national ambient air quality standards
NAGPRA	Native American Grave Protection and Repatriation Act
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NCAB	North Coast Air Basin
NCCP	Natural Community Conservation Plan
NCRWQCB	[California]North Coast Regional Water Quality Control Board
NCQAUMD	North Coast Unified Air Quality Air Management District
Nddb	Natural Diversity Data Base
NEPA	National Environmental Policy Act
NFP	Northwest Forest Plan
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO ⁻³	nitrates
NOAA	National Oceanic and Atmospheric Administration
NRC	National Research Council
NRF	nesting/roosting/foraging [habitat]
NTM	neotropical migratory [birds]
NTMP	nonindustrial timber management plan
NTU	nephelometric turbidity unit
NWI	National Wetland Inventory
OB	outer band
OBL	obligate [wetland indicator status]
ODFW	Oregon Department of Fish and Wildlife
OT	optimum temperature
OTS	Office of Thrift Supervision
PALCO	The Pacific Lumber Company and its wholly owned subsidiaries. Scotia Pacific Holding Company, L.L.C. and Salmon Creek Corporation
PFRT	Peregrine Falcon Recovery Team
PHBA	Post-harvest Basal Area
PILT	payment in lieu of taxes
PL	Public Law
PM ₁₀	particulate matter
PPA	pre-permit agreement
ppb	parts per billion
ppm	parts per million
ppt	parts per thousand

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

RAAHNB	resource agency aquatic habitat needs and biological matrix
Reserve	Headwaters Reserve
RF	roosting/foraging [habitat]
RfD	reference dose
RMZ	riparian management zone
ROD	Record of Decision
ROG	reactive hydrocarbons
RPF	Registered Professional Forester
RPI	recruitment potential index
RTS	Redwood Transit System
RWQCB	Regional Water Quality Control Board
SAAQS	state ambient air quality standards
SDWTEA	Safe Drinking Water Toxic Enforcement Act
SEB	Selective entry band
SHPO	State Historic Preservation Officer
SMARA	Surface Mining and Reclamation Act
SR	state route
SWRCB	State Water Resources Control Board
SYP	sustained yield plan
THP	timber harvesting plan
THPO	Tribal Historic Preservation Office
TMDL	total maximum daily load
TOS	threshold of significance
TP	timber production
TPA	timber production area
TPZ	timber production zone
UB	unconsolidated bottom [wetland]
USDA	United States Department of Agriculture
USDI	United States Department of the Interior
USFS	U. S. Forest Service
USGS	United States Geological Survey
UUILT	ultimate upper incipient lethal temperature
v/c	volume-to-capacity ratio
VMS	visual management system
VMT	vehicle miles traveled
VQO	visual quality objective
WAA	watershed analysis area
WCB	[California] Wildlife Conservation Board
WDNR	Washington [State] Department of Natural Resources
WHR	[California] wildlife habitat relationships [model/database]
WLPZ	watercourse and lake protection zone
WMA	watershed management area
WMI	watershed management initiative